

1. Many-to-one

In the policy route setting, enable SNAT(Source Network Address Translation), and select an IP address that you want to map to.

The screenshot shows the ZyWALL configuration interface for a Policy Route. The breadcrumb path is "ZyWALL > Network > Routing > Policy Route > Edit > #2". The "Configuration" section has "Enable" checked and a description field. The "Criteria" section includes dropdowns for User (any), Incoming Interface (ge1), Source Address (LAN_SUBNET), Destination Address (any), Schedule (none), and Service (any). The "Next-Hop" section has Type (Trunk) and Trunk (WAN_TRUNK). The "Address Translation" section is highlighted with a red box and shows "Source Network Address Translation" set to "outgoing-interface". Below this is a table for "Port Triggering" with columns for #, Incoming Service, and Trigger Service. The "Bandwidth Shaping" section has Maximum Bandwidth (0 Kbps) and Bandwidth Priority (0). "OK" and "Cancel" buttons are at the bottom.

2. One-to one

In Virtual server setting, we can achieve this.

The screenshot shows the ZyWALL configuration interface for a Virtual Server. The breadcrumb path is "ZyWALL > Network > Virtual Server > Edit > #1". The "General Setup" section has "Enable Rule" checked and "Rule Name" set to "wan2h1". The "Mapping Rule" section is highlighted with a red box and includes: Incoming Interface (ge2), Original IP (wanip1), Mapped IP (User Defined), User-Defined Mapped IP (192.168.1.33), and Port Mapping Type (Any). The "Related Settings" section has two checkboxes for adding Policy Route rules for NAT 1:1 mapping and NAT Loopback, and a "Configure Firewall" link. "OK" and "Cancel" buttons are at the bottom.

Packets sent from the Virtual Server don't apply this one-to-one mapping rule by default. If we want the packets sent from Virtual server to outside also apply this one-to-one mapping rule, we need to create a Policy route.

ZyWALL > Network > Routing > Policy Route > Edit > #1

Configuration

Enable
 Description: 2h1 (Optional)

Criteria

User: any
 Incoming: Interface / ge1
 Source Address: VS_ADDR_192_168_1_33
 Destination Address: any
 Schedule: none
 Service: any

Next-Hop

Type: Auto

Address Translation

Source Network Address Translation: wanip1

Bandwidth Shaping

Maximum Bandwidth: 0 Kbps
 Bandwidth Priority: 0 (1-7, 1 is highest priority)
 Maximize Bandwidth Usage

OK Cancel

3. Many one to one.

We just need to create many One-to-one rules as stated above in item 2.

ZyWALL > Network > Virtual Server

Configuration

Total Virtual Servers: 2

30 entries per page

Page: 1 of 1

#	Name	Interface	Original IP	Mapped IP	Protocol	Original Port	Mapped Port	
1	wan2h1	ge2	wanip1	192.168.1.33	any			
2	wan2h2	ge2	wanip2	192.168.1.34	any			

Apply Reset

4. Many to many overload.

It's just many one to one.